Paddling

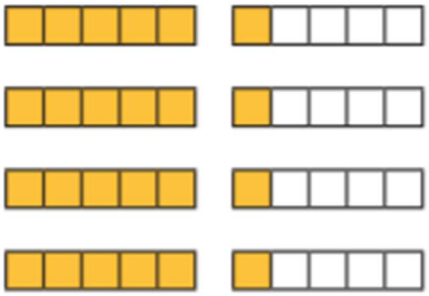
1 Complete the calculations.

a) $4 \times 1\frac{1}{5}$

$4 \times 1 = \square$

$4 \times \frac{1}{5} = \square$

$\square + \square = \square$

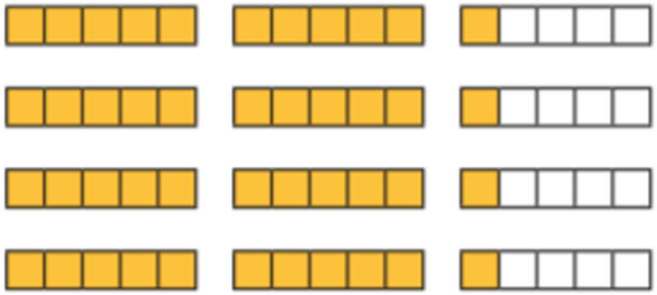


b) $4 \times 2\frac{1}{5}$

$\square \times 2 = \square$

$4 \times \square = \square$

$\square + \square = \square$

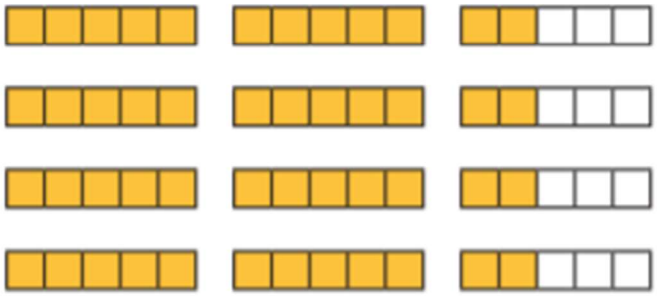


c) $4 \times 2\frac{2}{5}$

$\square \times \square = \square$

$4 \times \square = \square = \square$

$\square + \square = \square$

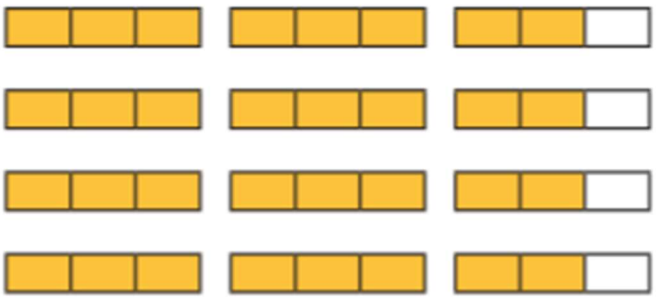


d) $4 \times 2\frac{2}{3}$

$\square \times \square = \square$

$\square \times \square = \square = \square$

$\square + \square = \square$



2 Complete the multiplications.

a) $3 \times 8\frac{2}{7} = \square$

b) $2 \times 12\frac{2}{11} = \square$

c) $6\frac{2}{11} \times 4 = \square$

d) $4 \times 6\frac{3}{19} = \square$

e) $2\frac{2}{25} \times 12 = \square$

f) $3\frac{1}{15} \times 8 = \square$

What is the same and what is different about your answers?

3 One bag of potatoes weighs $1\frac{3}{4}$ kg.

How much do 5 bags of potatoes weigh?

1a. The mixed numbers below have been multiplied by the same integer.

$3\frac{2}{11} \times \square = 12\frac{8}{11}$

$2\frac{1}{5} \times \square = 8\frac{4}{5}$

What is the missing integer?

PS

1b. The mixed numbers below have been multiplied by the same integer.

$2\frac{2}{7} \times \square = 6\frac{6}{7}$

$4\frac{3}{13} \times \square = 12\frac{9}{13}$

What is the missing integer?

PS

2a. Circle the odd one out.

A. $3\frac{2}{13} \times 4$

B. $4\frac{3}{13} \times 3$

C. $6\frac{4}{13} \times 2$

Explain your reasoning.

R

2b. Circle the odd one out.

A. $6\frac{3}{11} \times 3$

B. $9\frac{3}{11} \times 2$

C. $3\frac{1}{11} \times 6$

Explain your reasoning.

R

3a. Danny has completed the calculation below:

$3\frac{2}{5} \times 2 = 6\frac{4}{10}$

Is he correct?

Convince me.

R

3b. Sharla has completed the calculation below:

$5\frac{3}{11} \times 3 = 15\frac{3}{11}$

Is she correct?

Convince me.

R